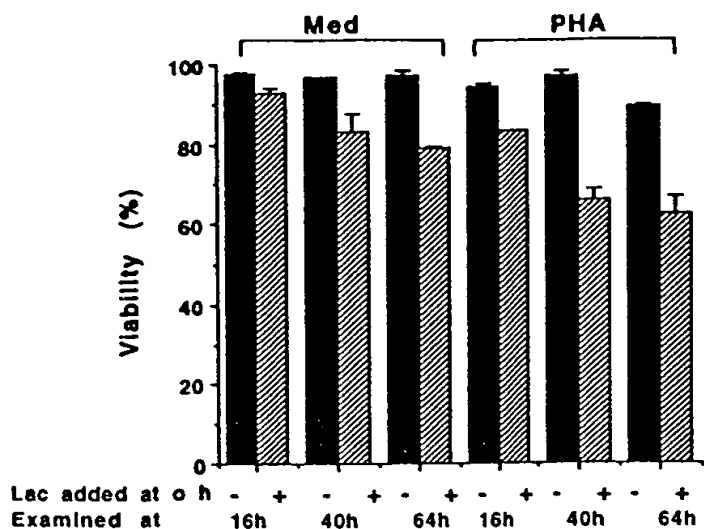
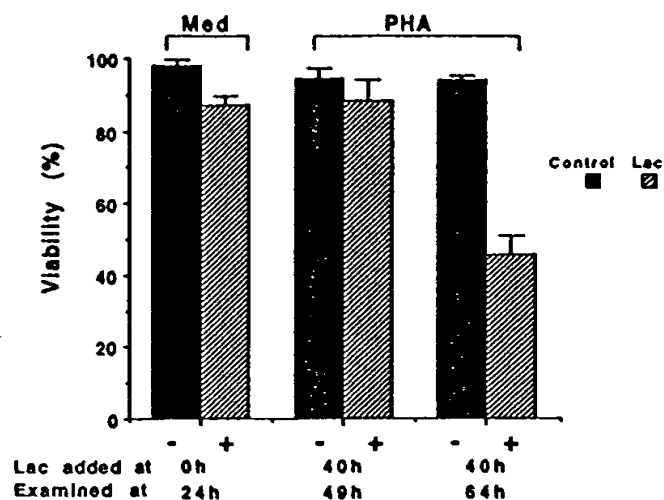


FIGURE 1

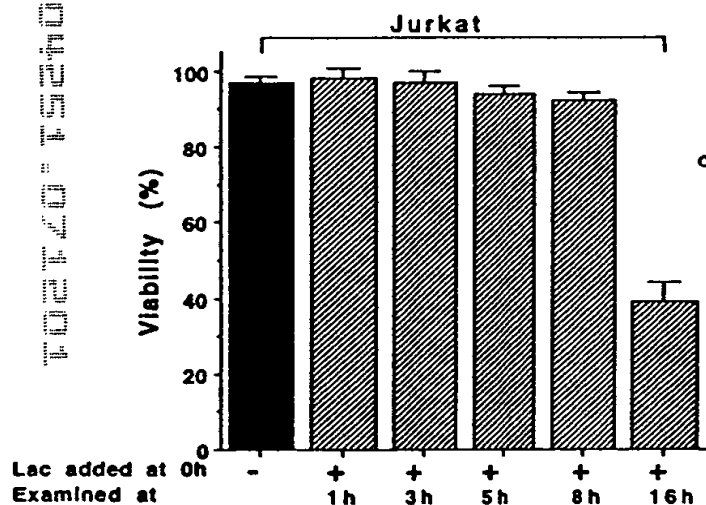
a



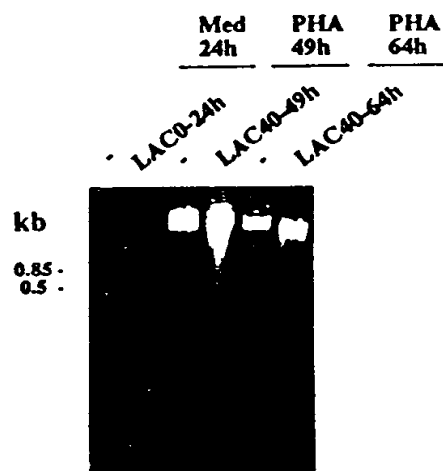
b



c



d



e

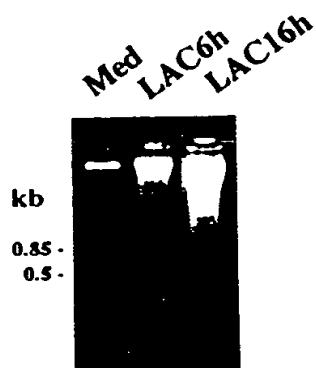


FIGURE 2

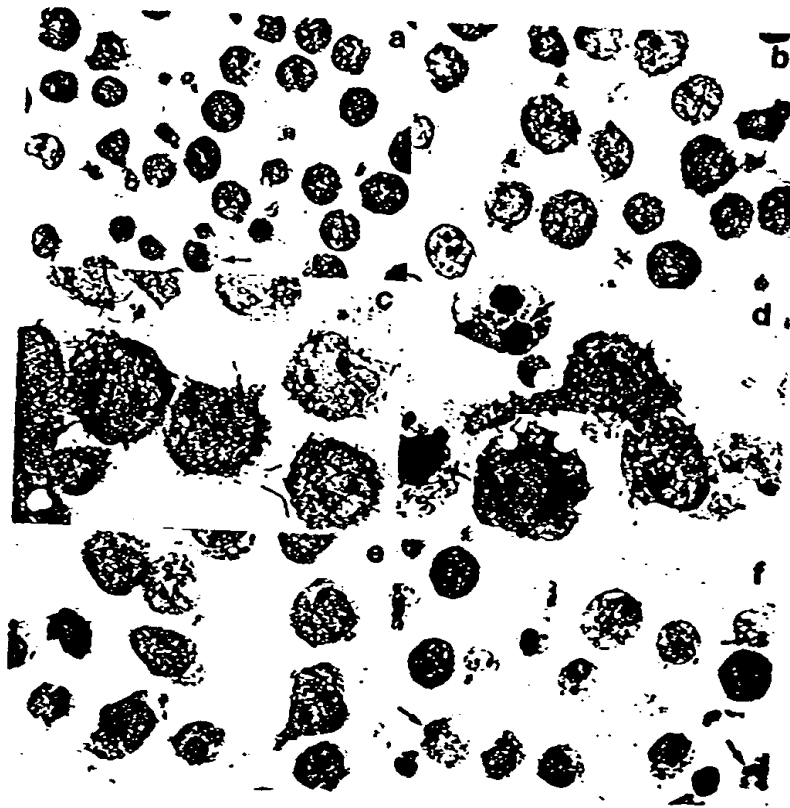
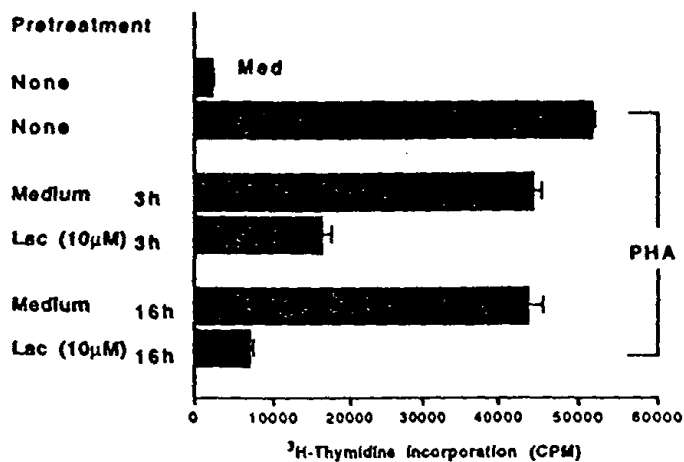
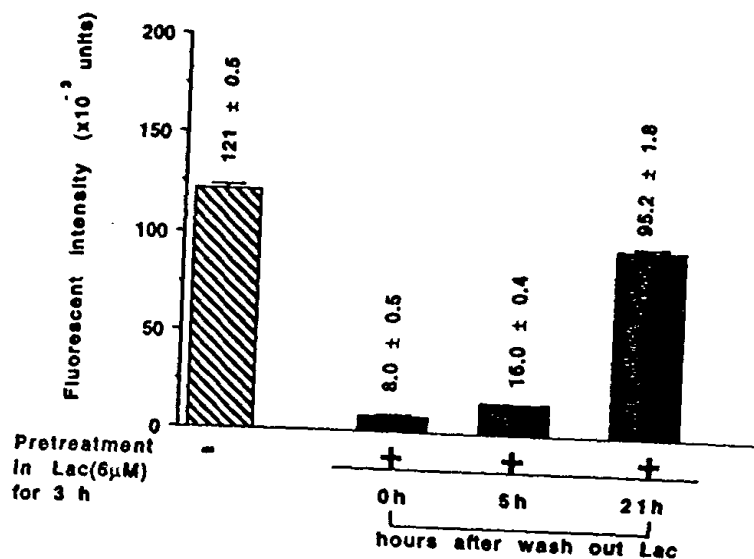


FIGURE 3

A



B



C

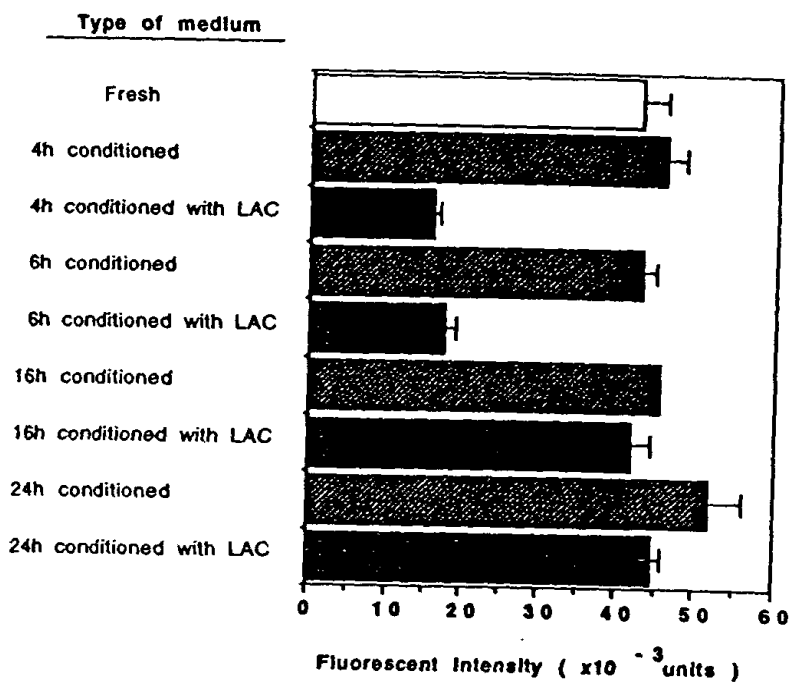
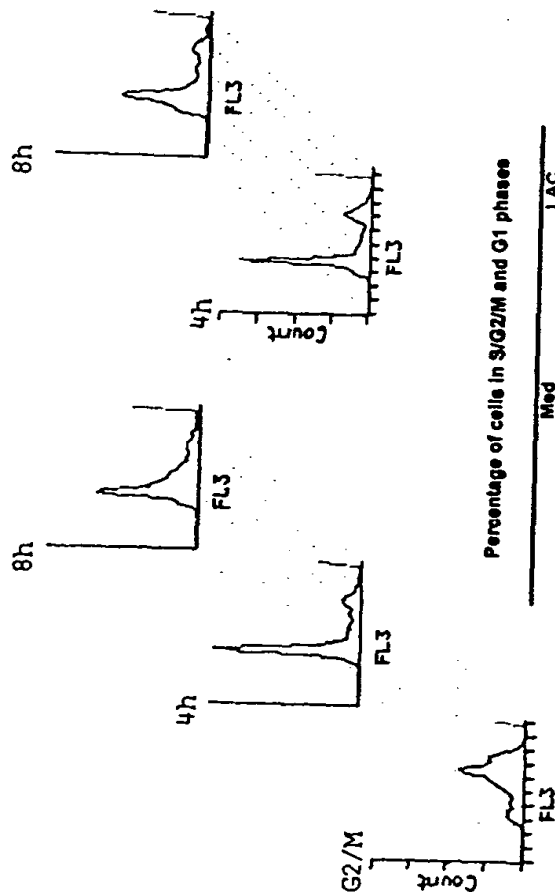


FIGURE 4

a

Medium LAC



Percentage of cells in S/G2/M and G1 phases

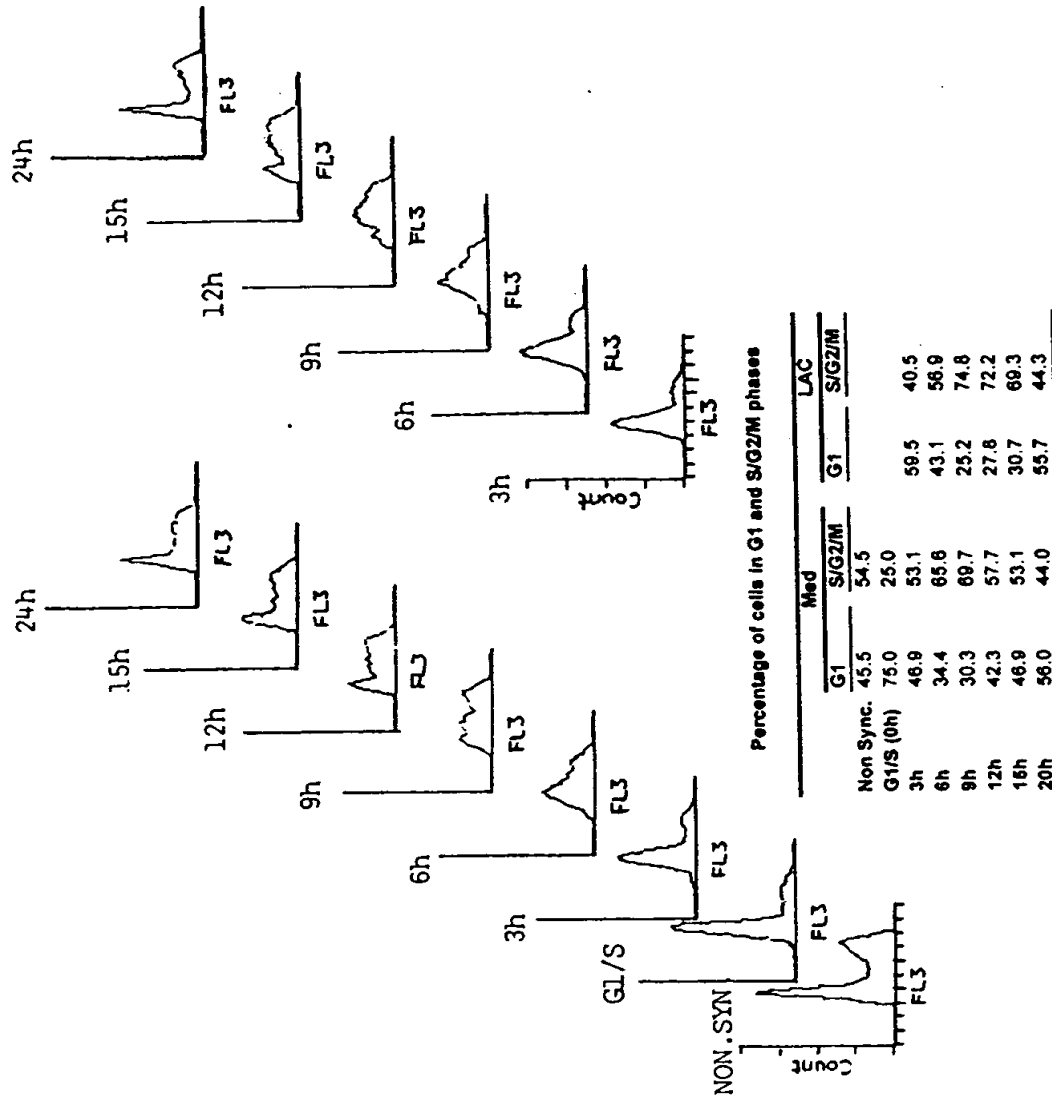
	Med		LAC	
	S/G2/M	G1	S/G2/M	G1
G2/M (0h)	82.6	17.4		
4h	33.0	67.0	40.2	59.8
8h	41.9	58.1	38.5	61.5

FIGURE 6A

b

Medium

LAC



C

FOOT 20 15240000

PHA

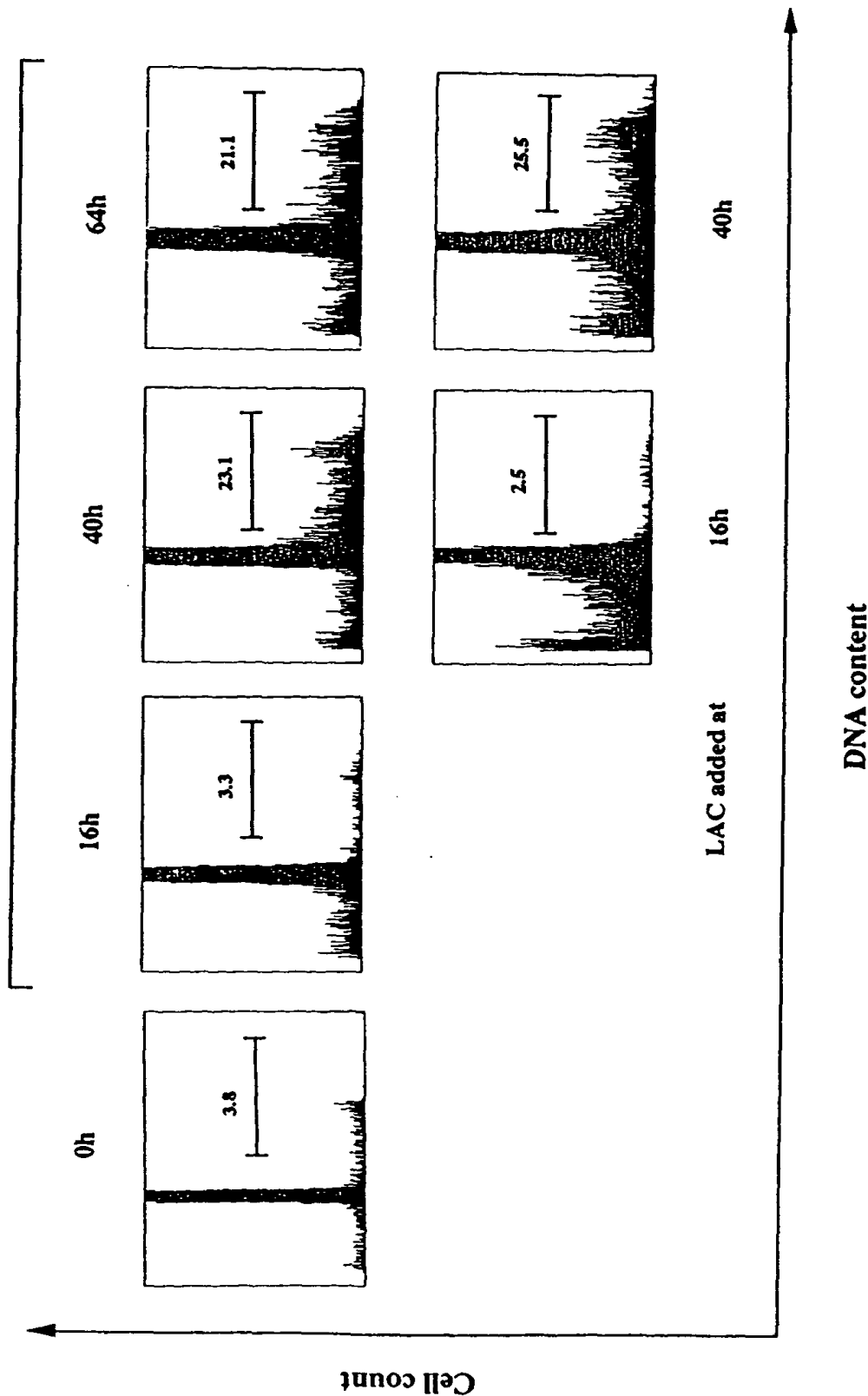
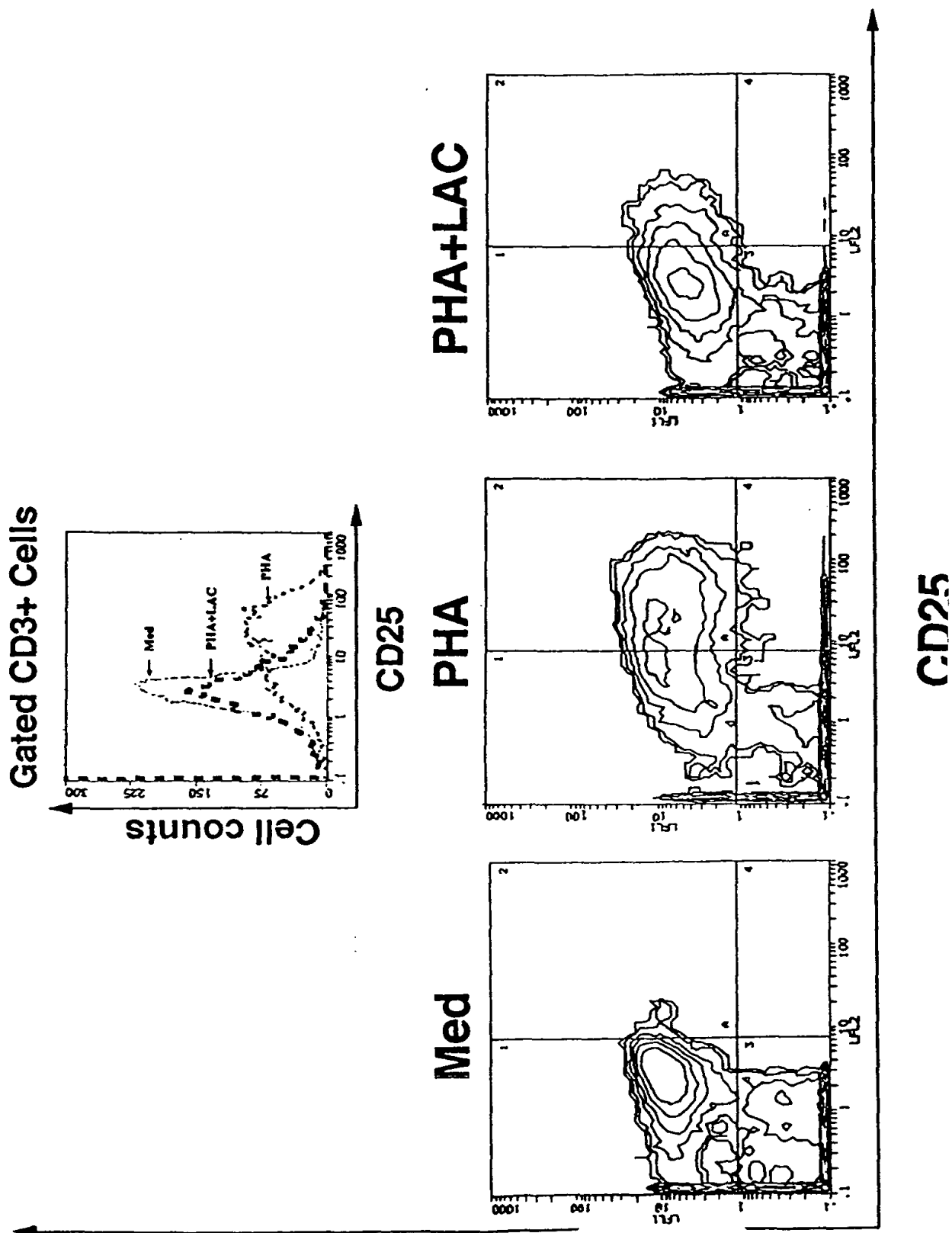


FIGURE 6C

CPD



d

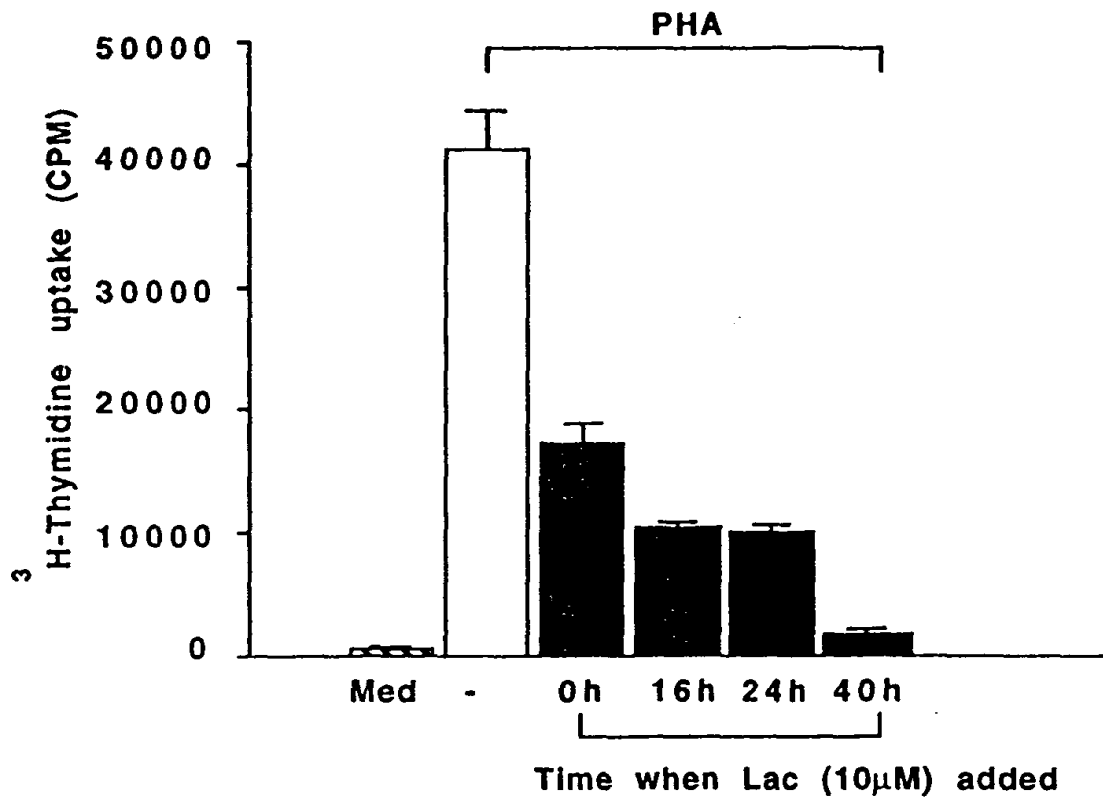


FIGURE 6D

1024015240660

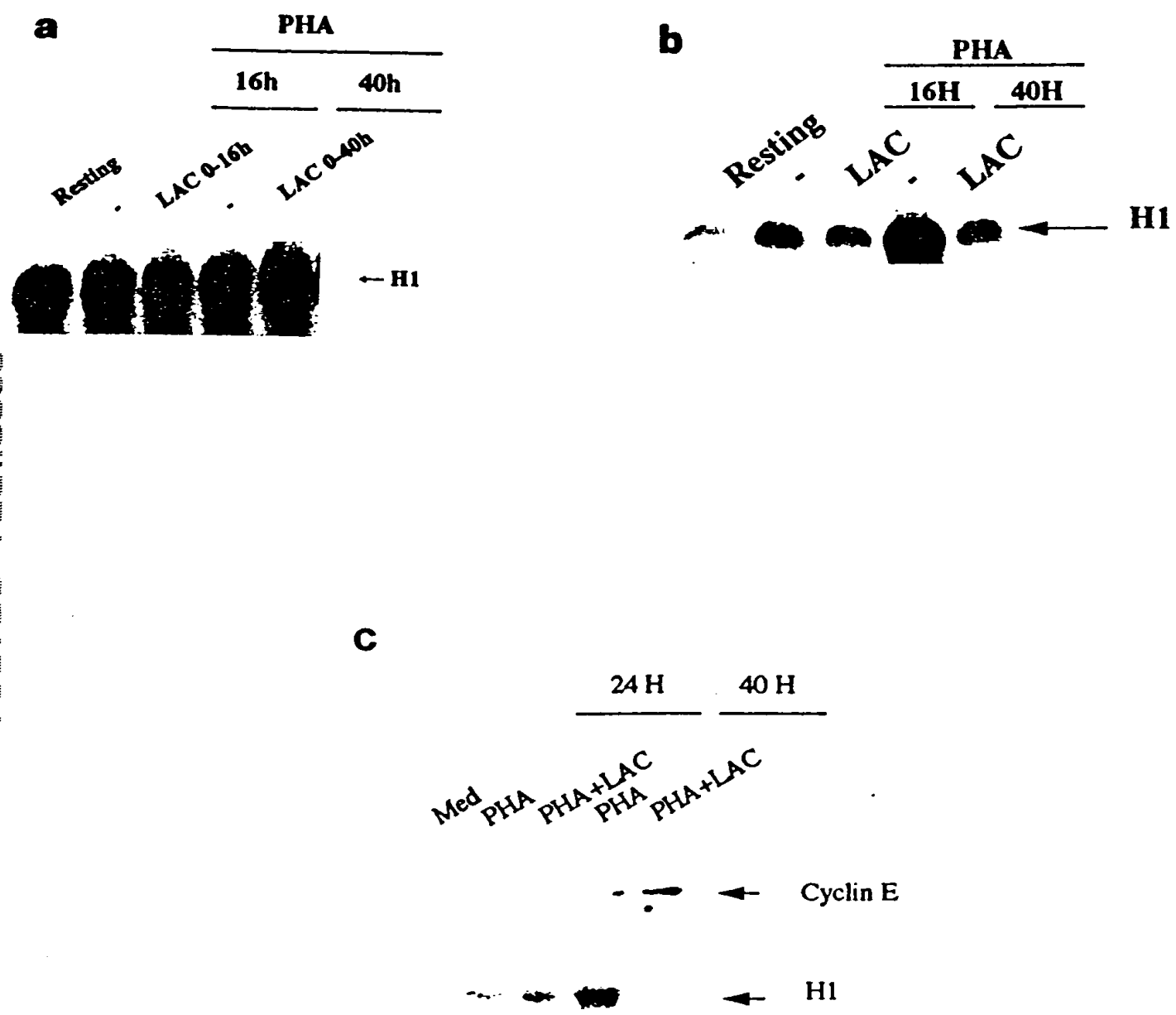
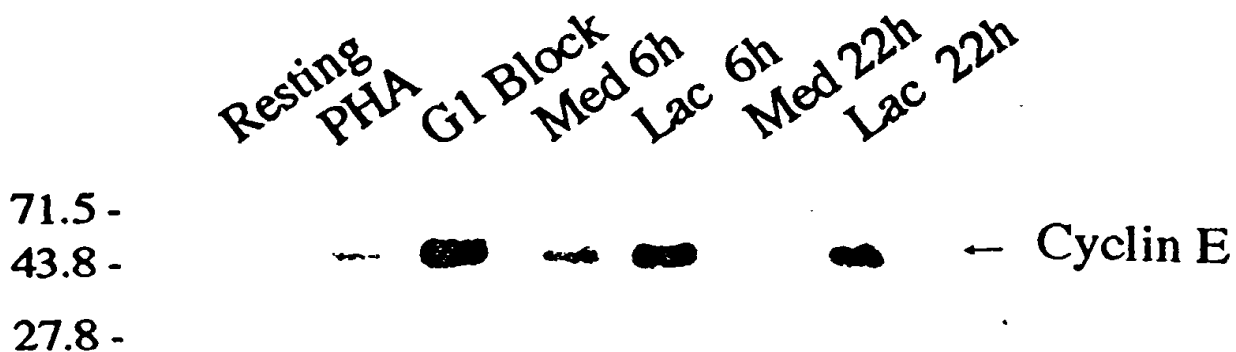


FIGURE 7

a.

Post G1 Block



b.

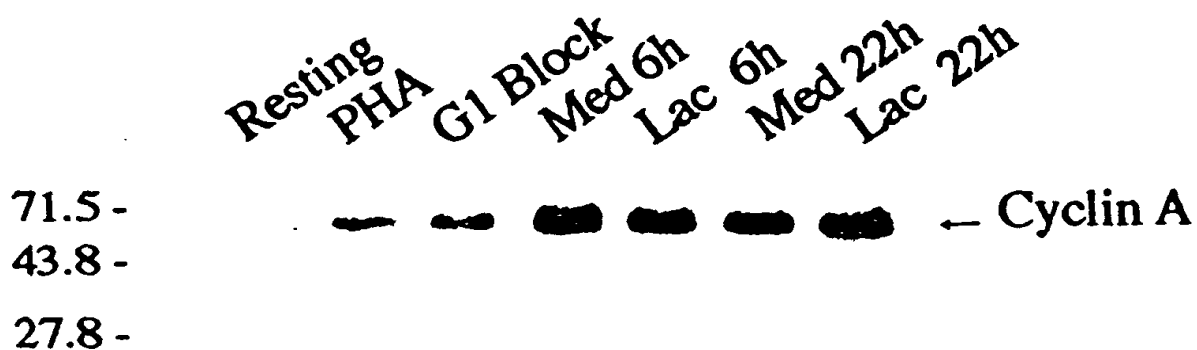
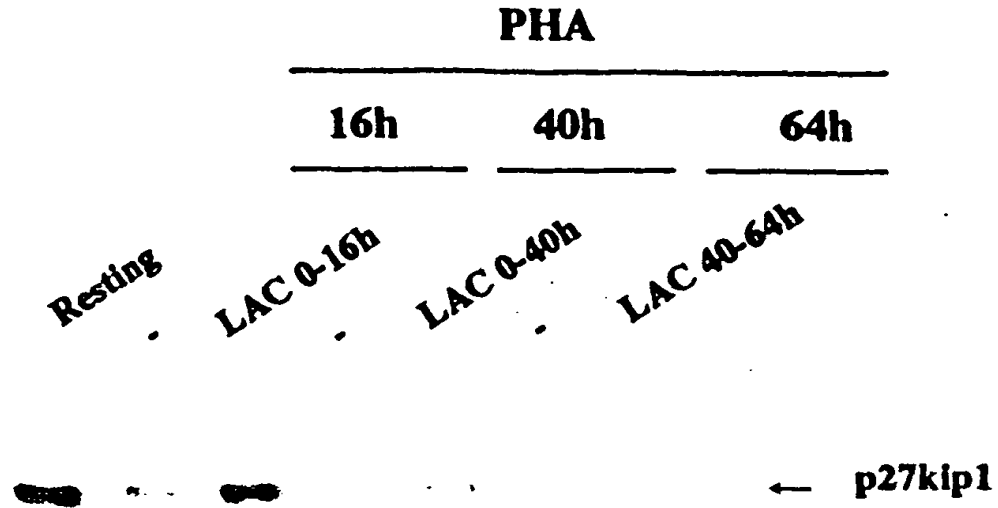


FIGURE 8

a.



b.

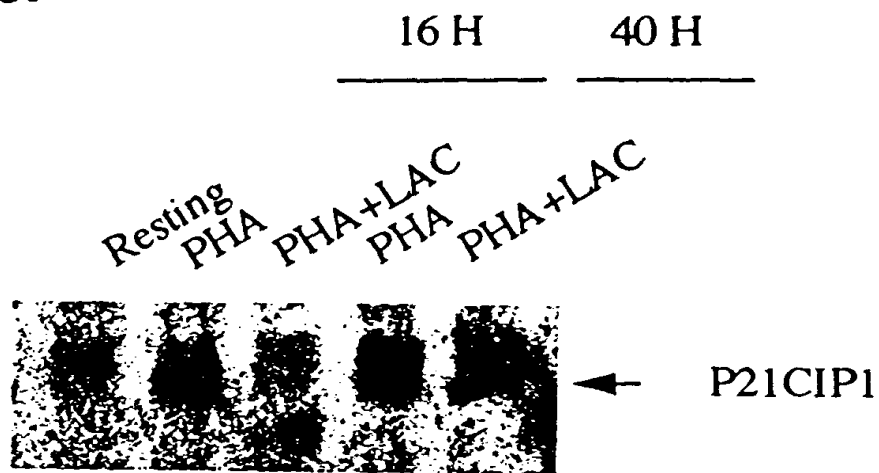


FIGURE 9

**Lactacystin inhibits aggregation of
PHA-stimulated human PBMC**

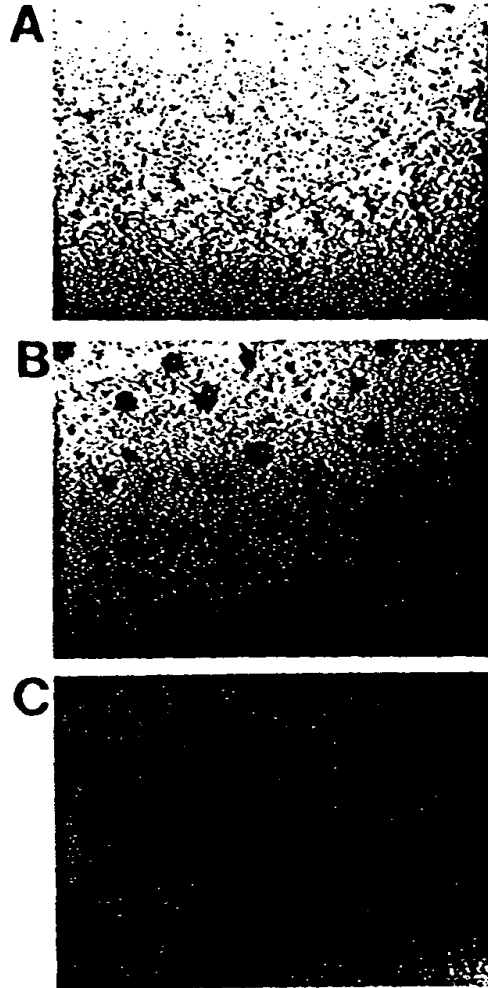


FIGURE 10

09904254.074204
T02T40-TS240660

THE UNIVERSITY OF CHICAGO

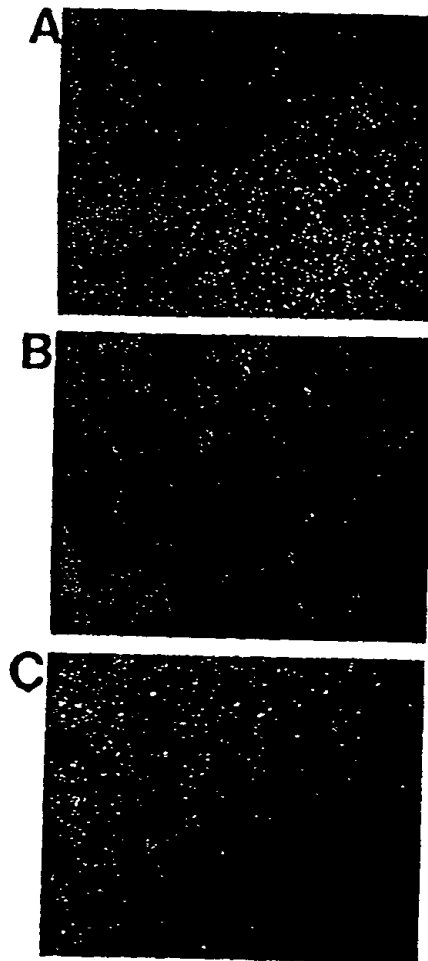
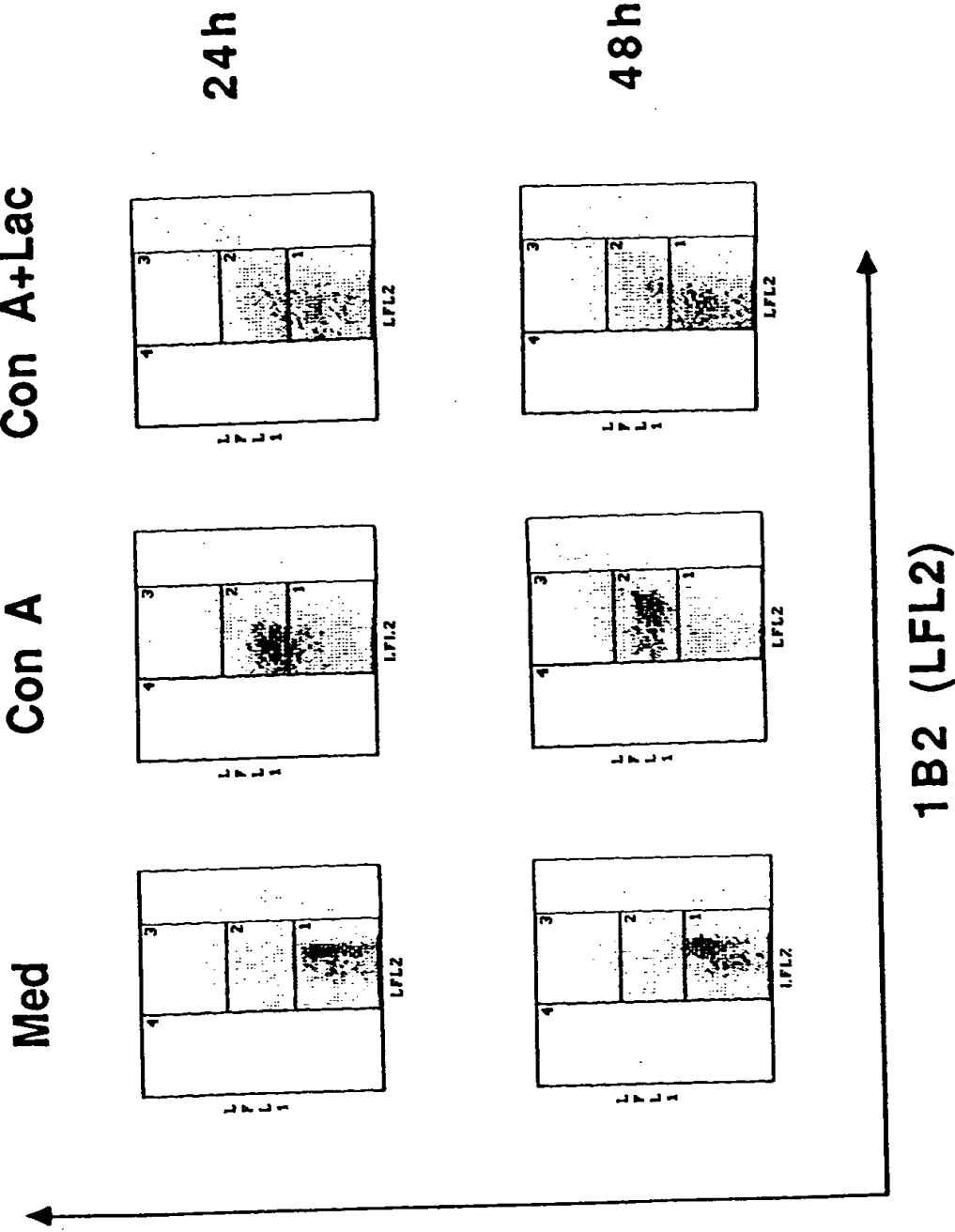


FIGURE 11

ICAM-1 (LFL1)



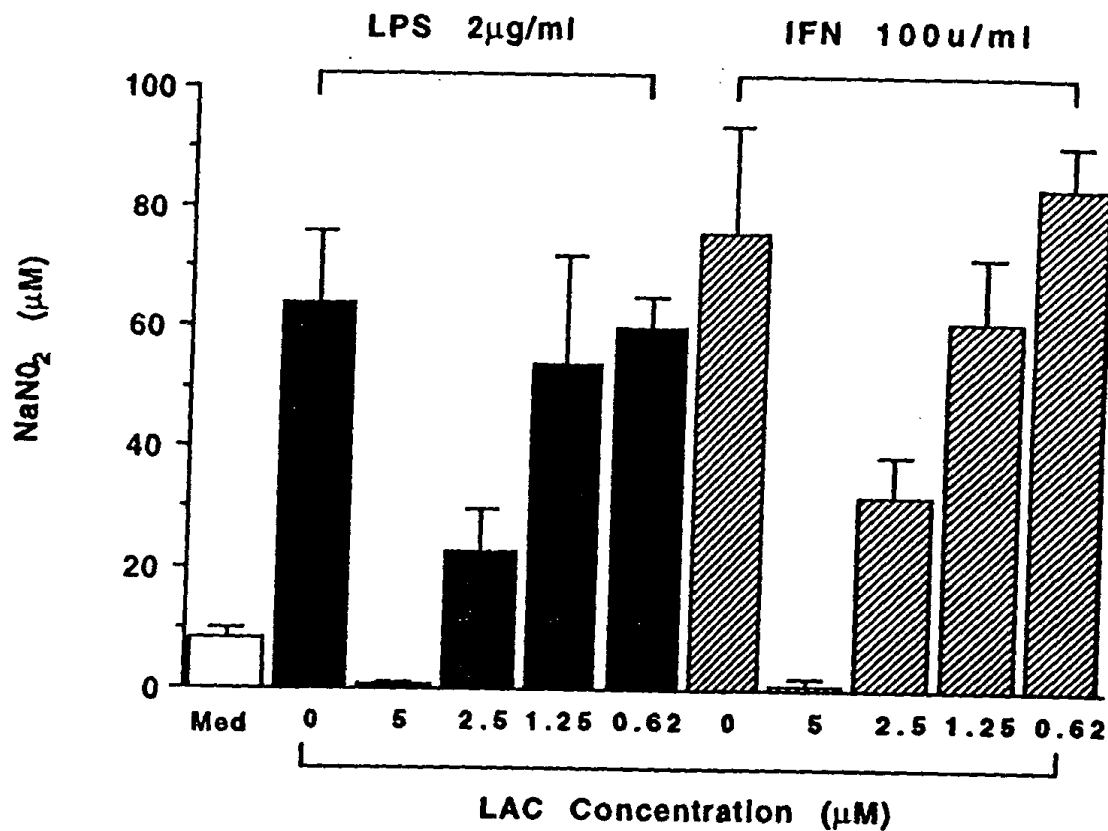


FIGURE 13

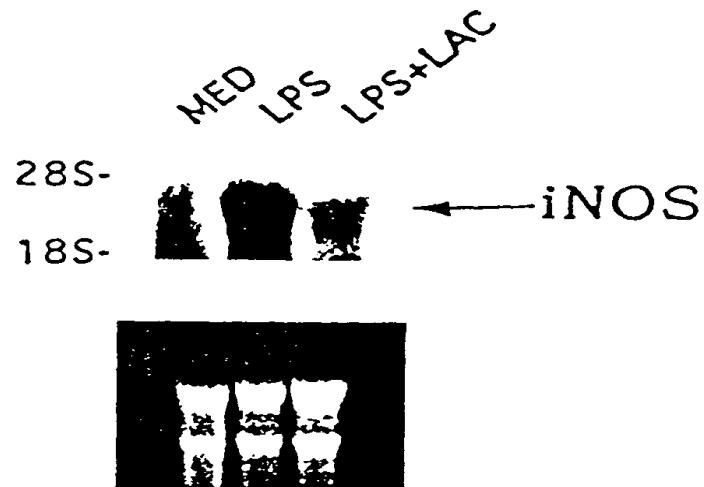


FIGURE 14

FIGURE 15

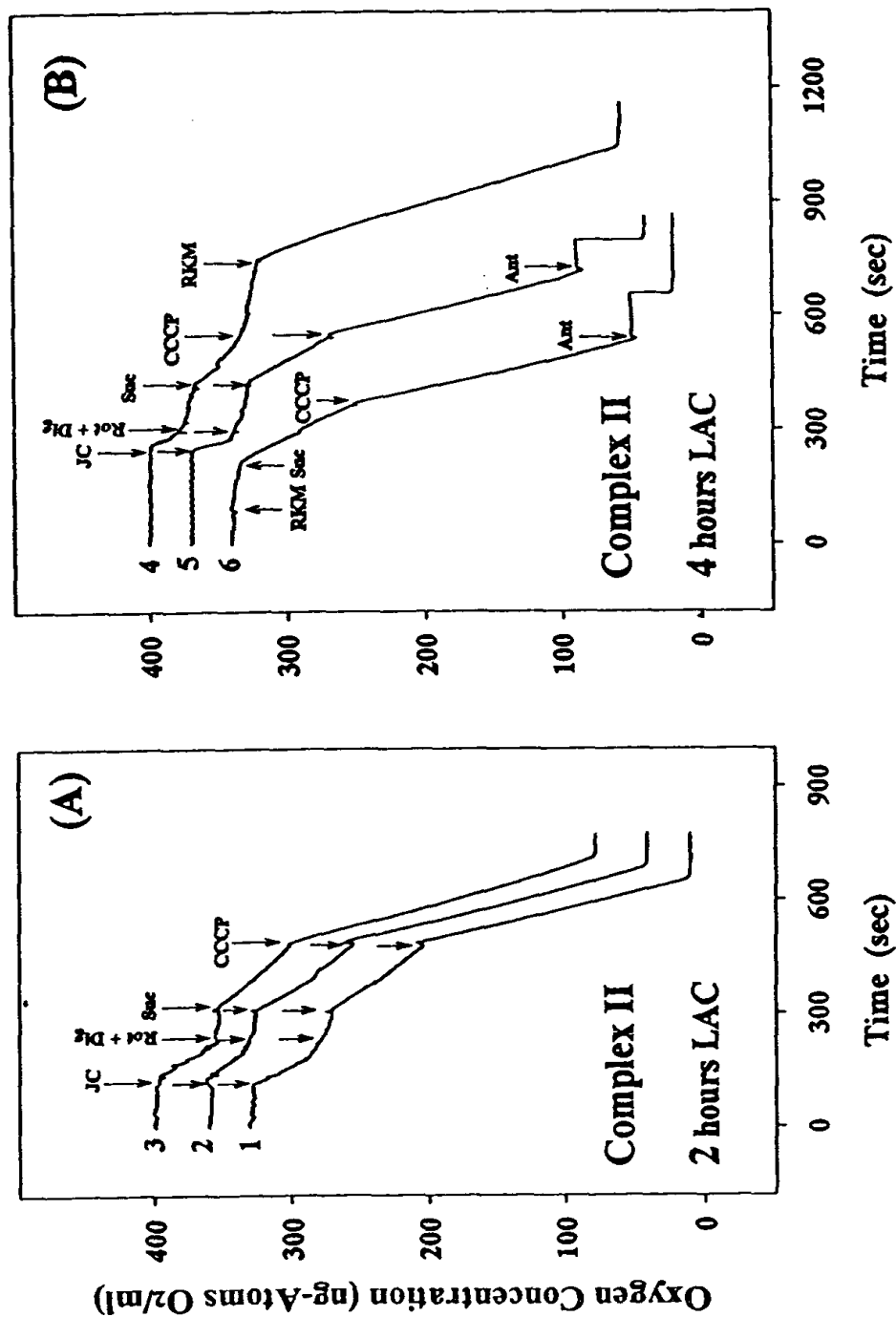


FIGURE 16

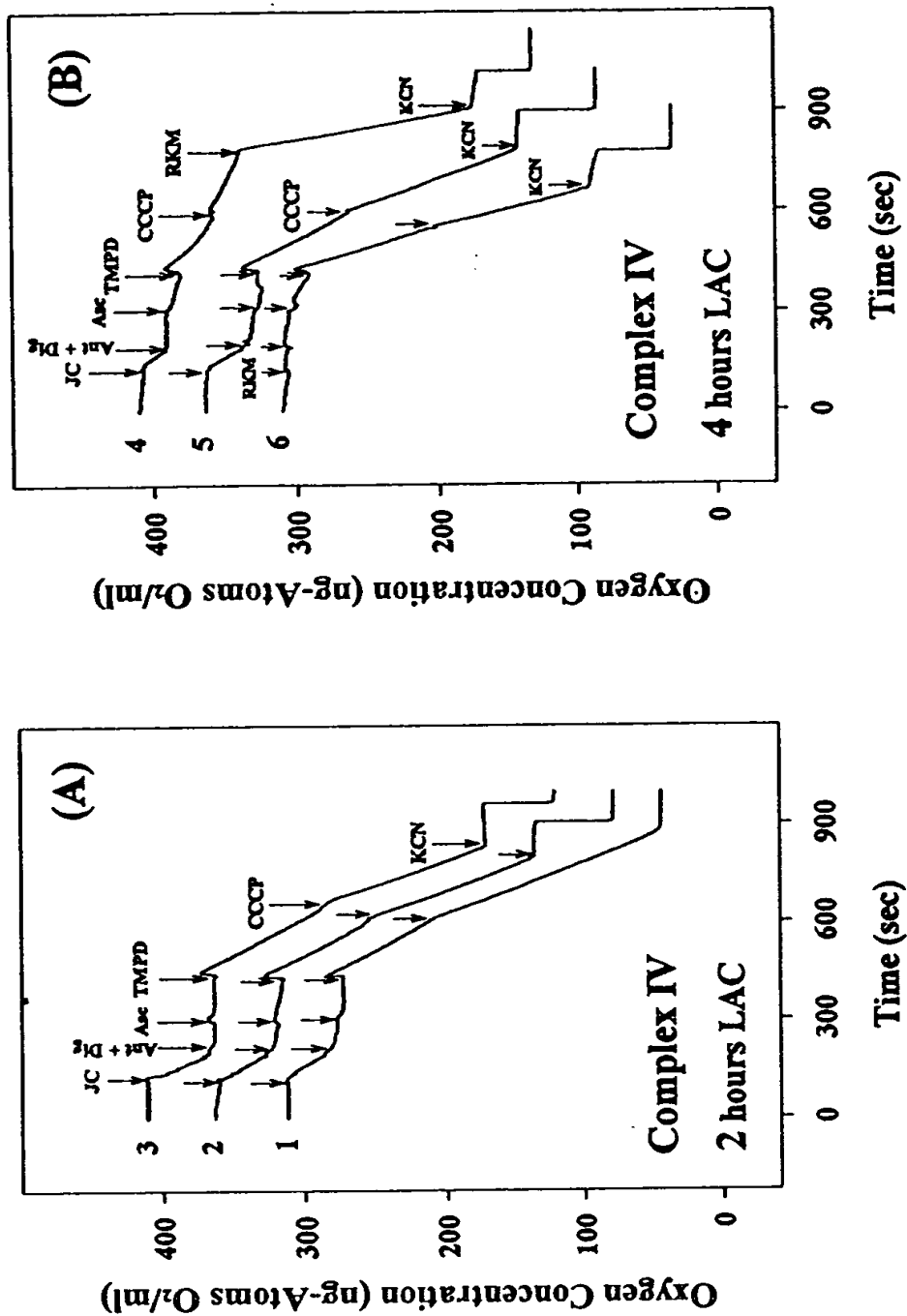
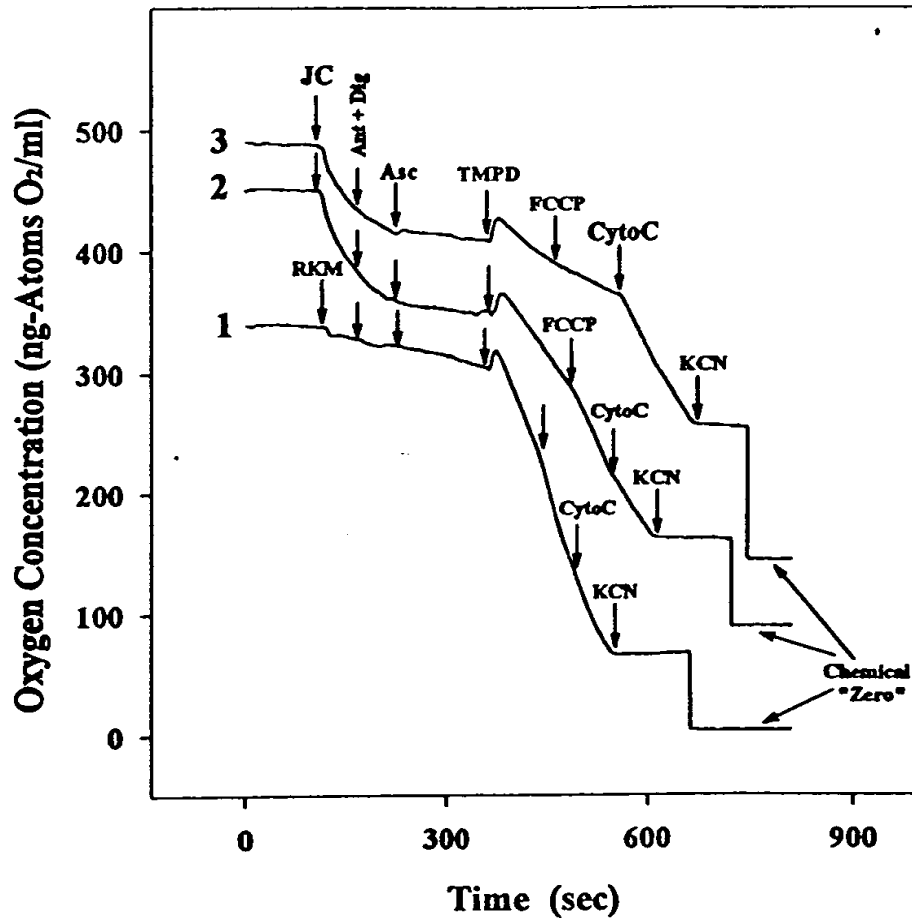


FIGURE 17



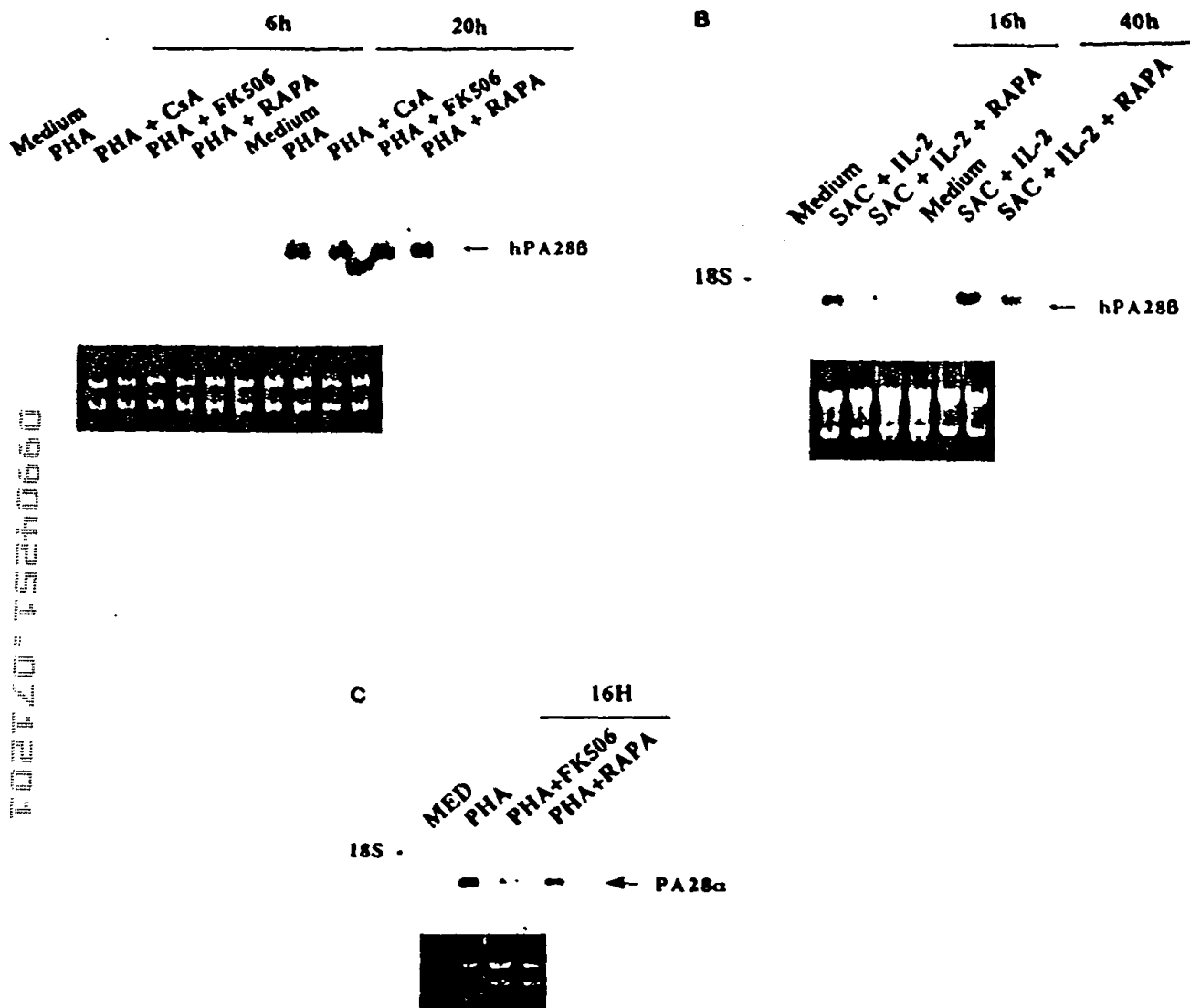


FIGURE 18

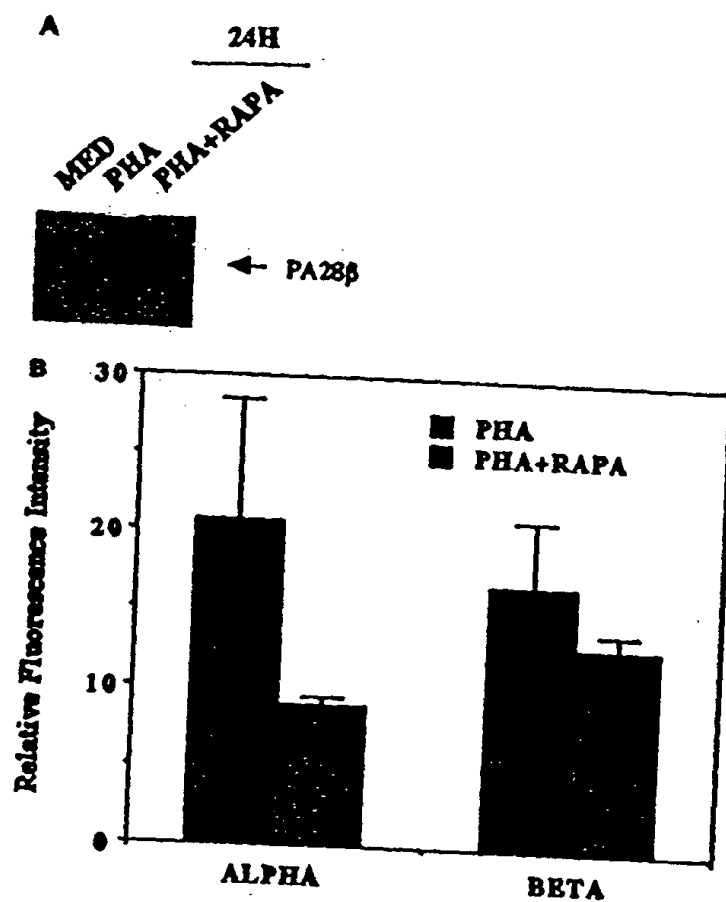


FIGURE 19

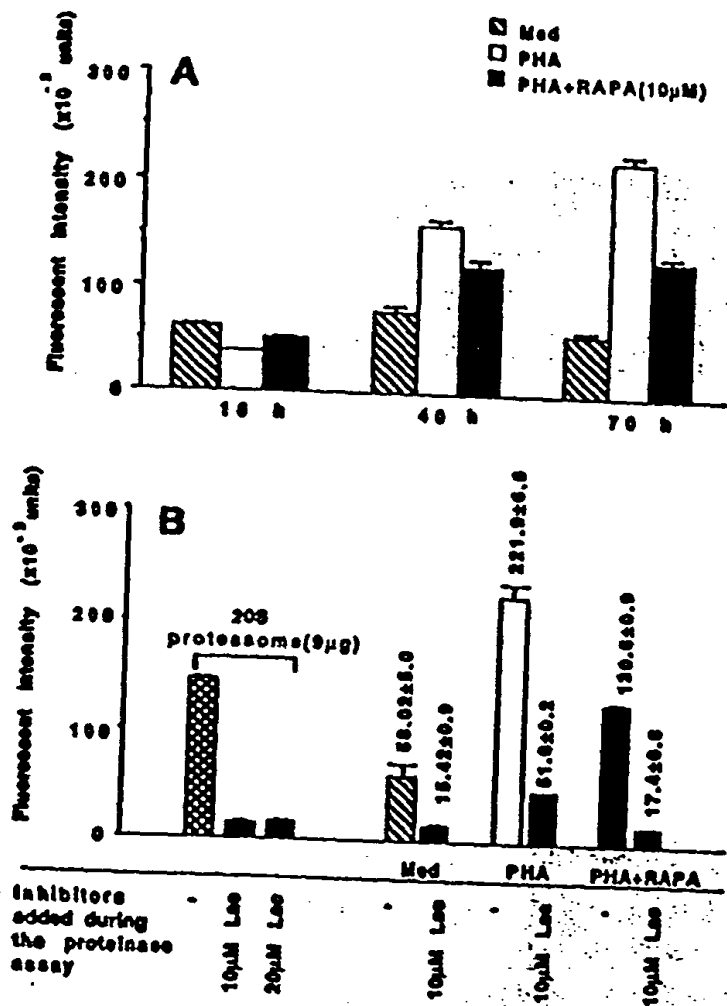


FIGURE 20

Eliminating Alloantigen-specific Response by a Proteasome Inhibitor

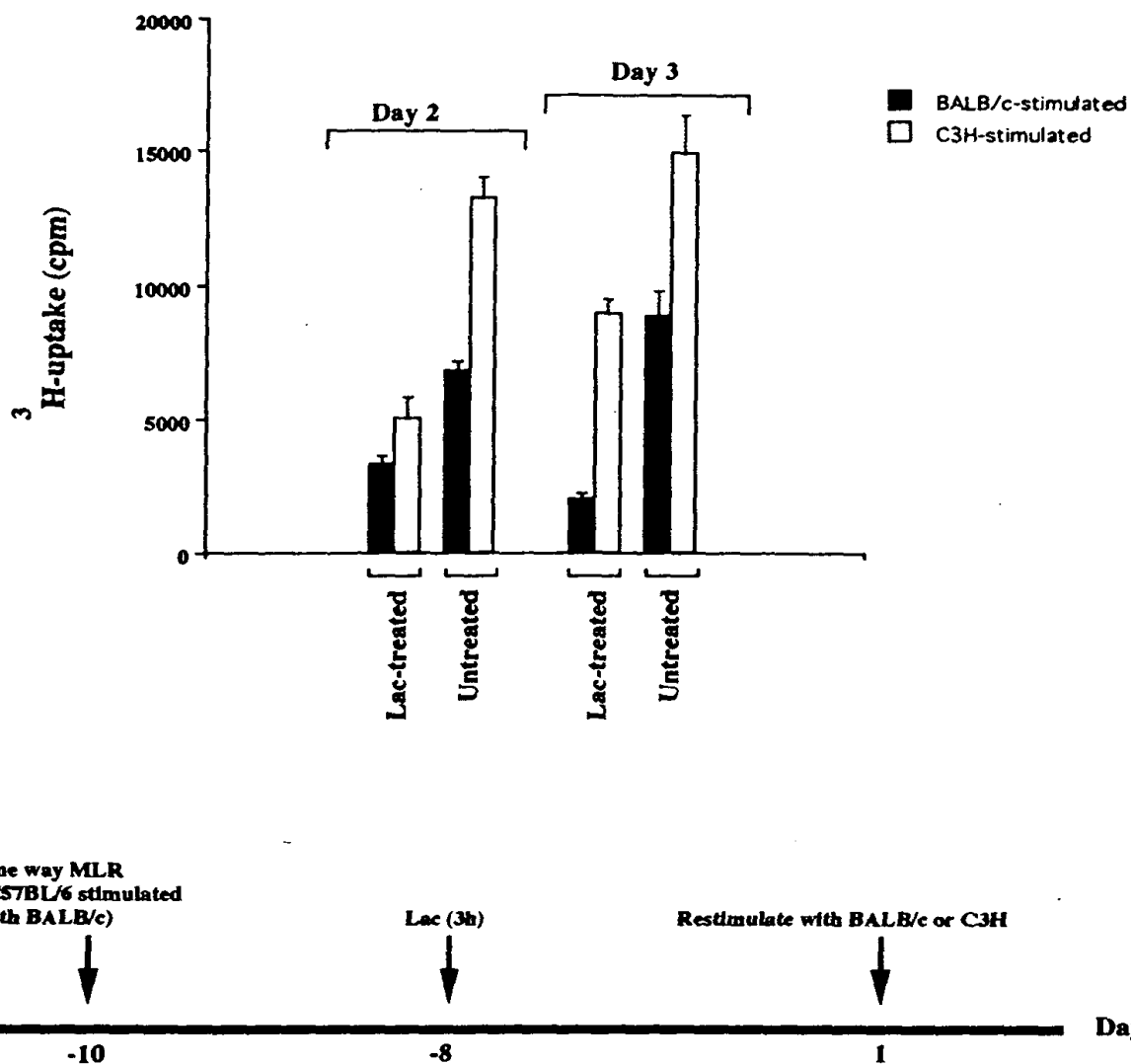


Fig. 21

Z-VAD.fmk blocks Lactacystin induced apoptosis in Jurkat cell

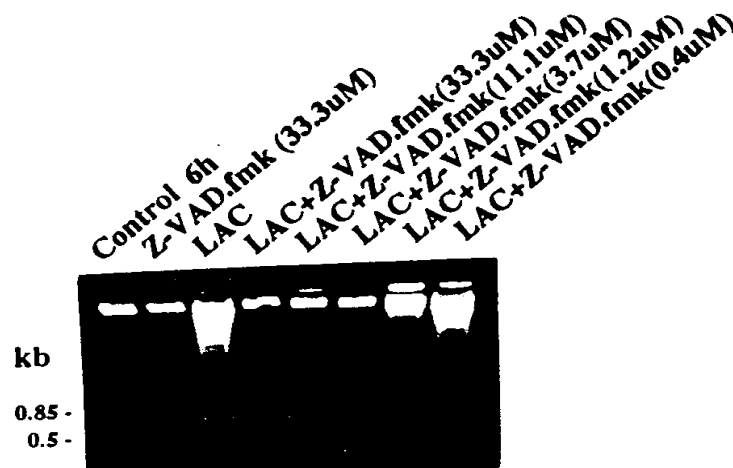


Fig. 22

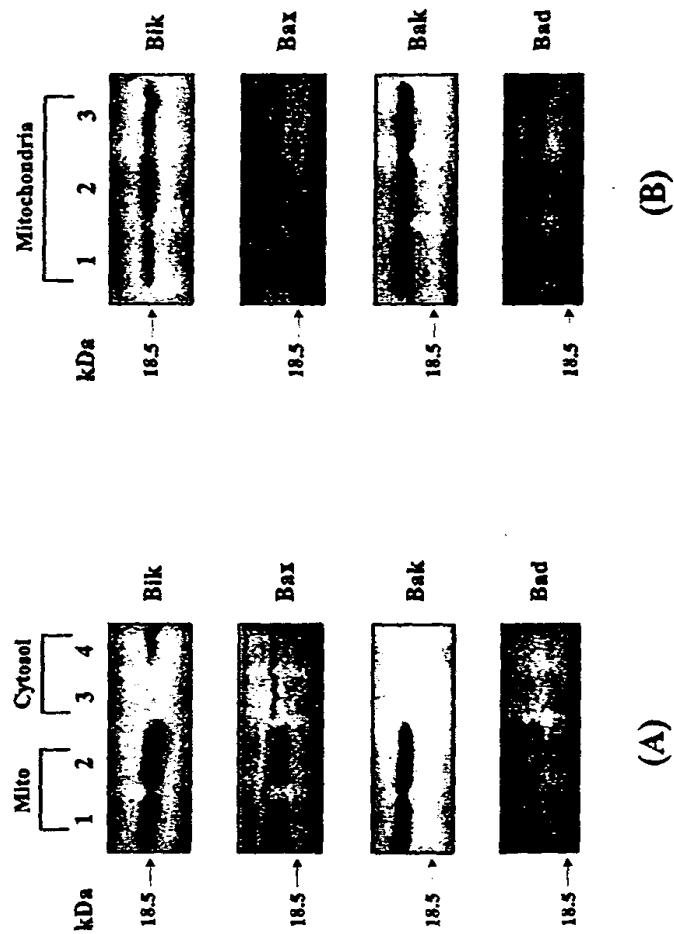


Fig. 23

DNA-fragmentation in Namalwa-Control (▨) and Namalwa-BclX_L (■) cells during Lactacystin (LAC) induced apoptosis.

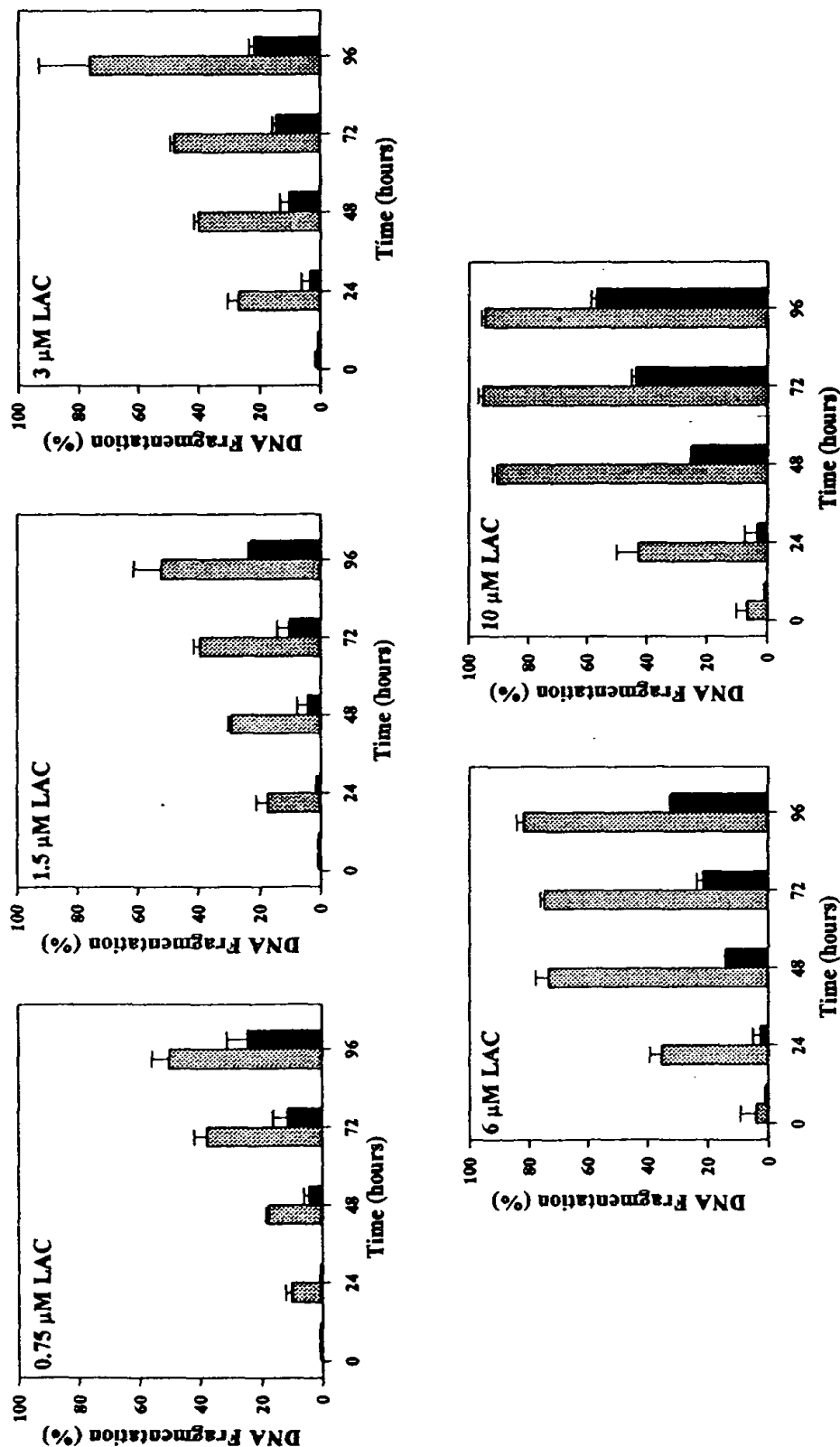


Fig. 24

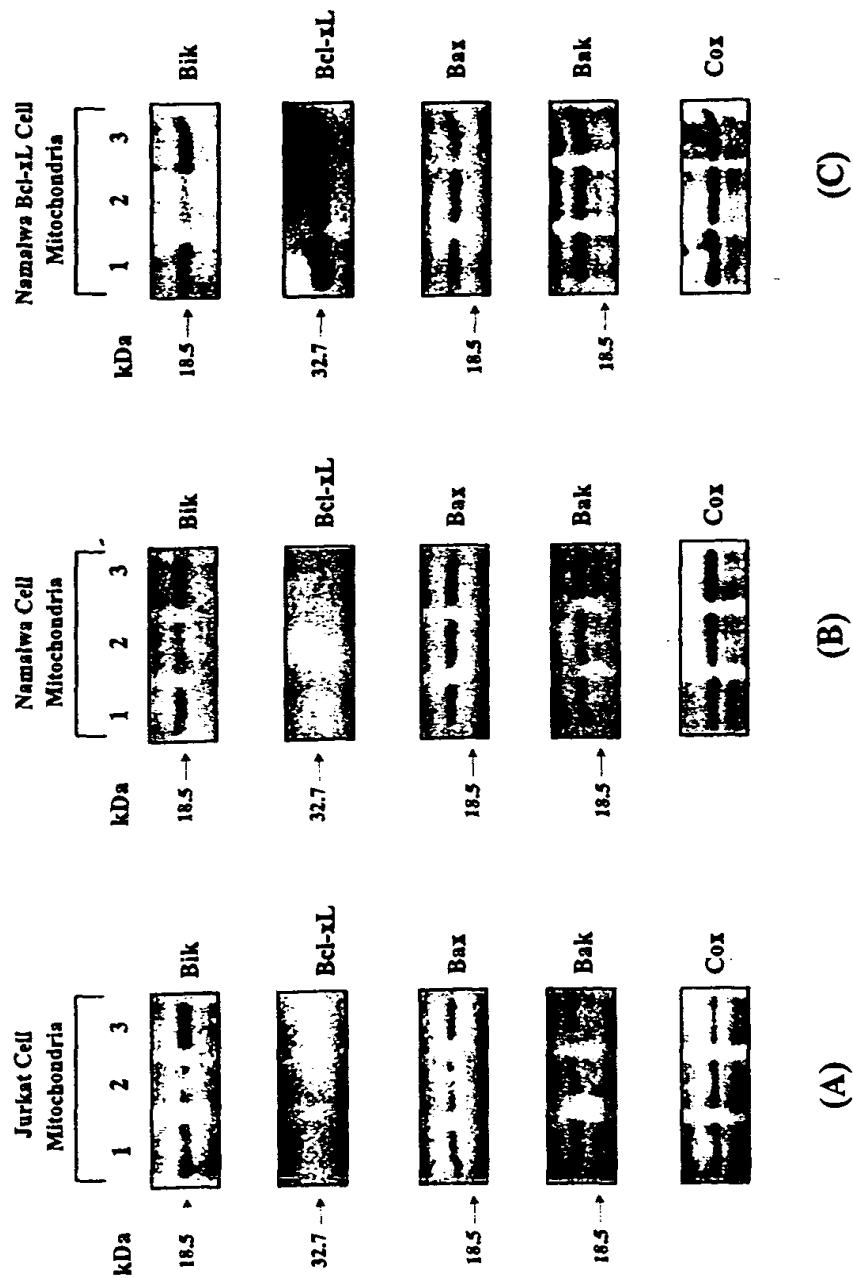
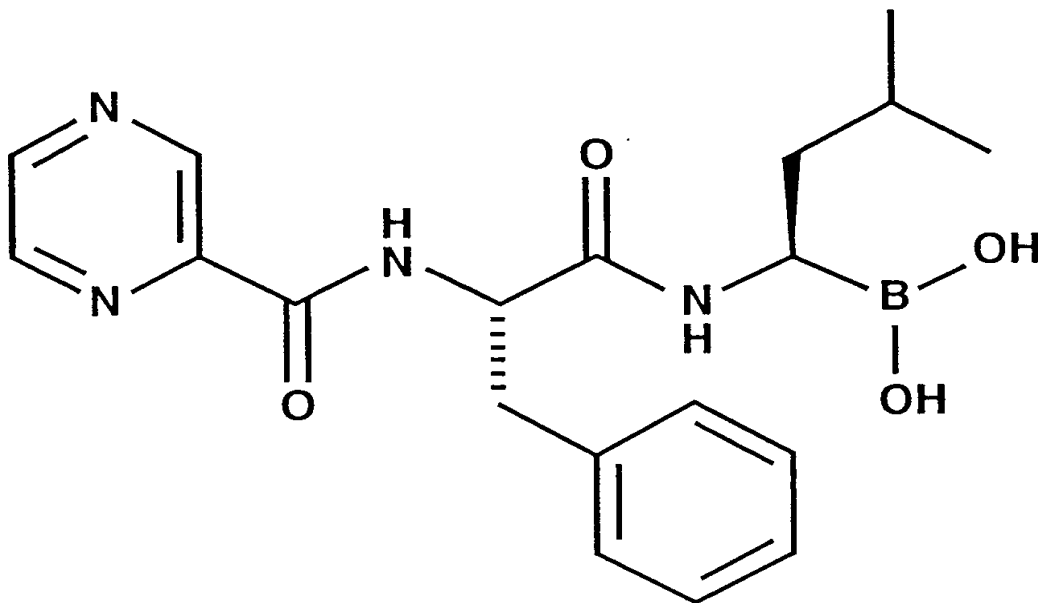


Fig. 25

DIPEPTIDE BORONIC ACID (DPBA)

Pyz-Phe-boroLeu; Pyz, 2,5-pyrazinecarboxylic acid



LACTACYSTIN

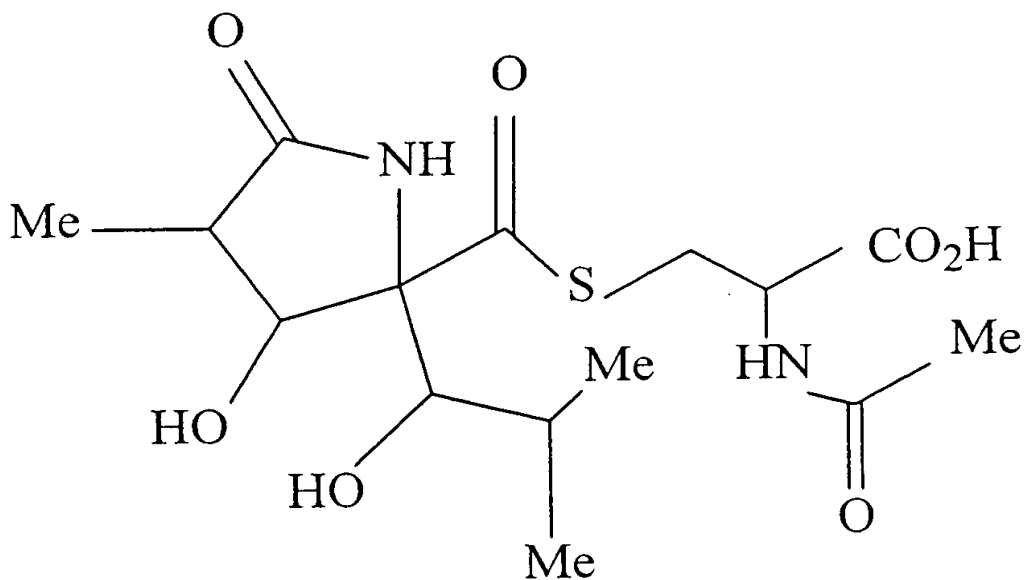


FIGURE 26

FIGURE 26

DPBA INHIBITS 20S PROTEASOME ACTIVITY

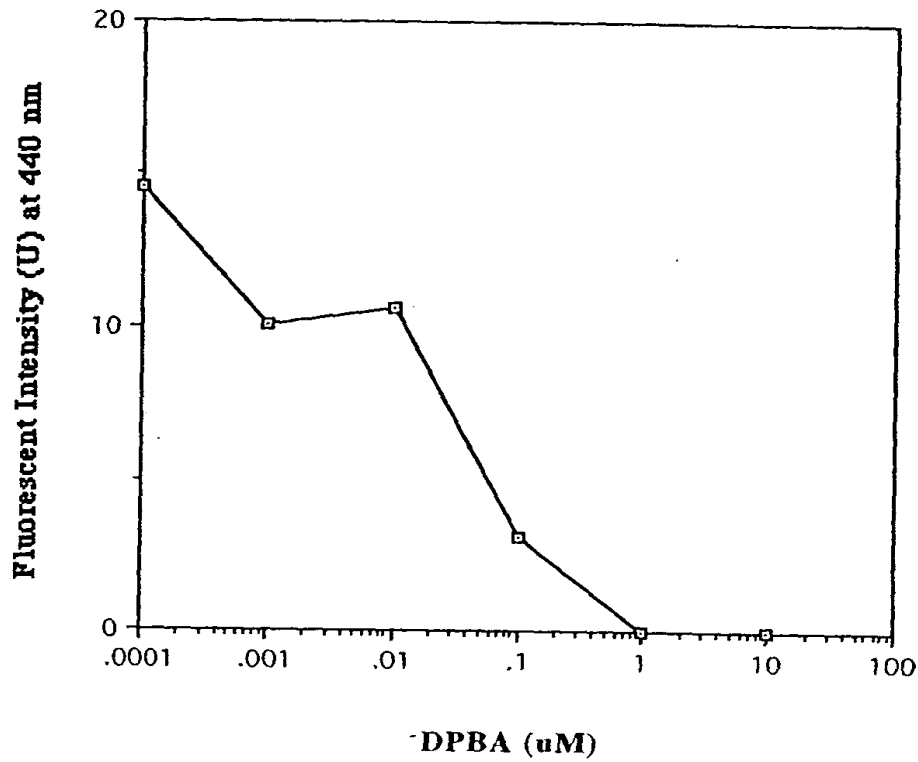


FIGURE 27

Proteasome Inhibitor DPBA Inhibits Anti-CD3 Stimulated T Cell Proliferation

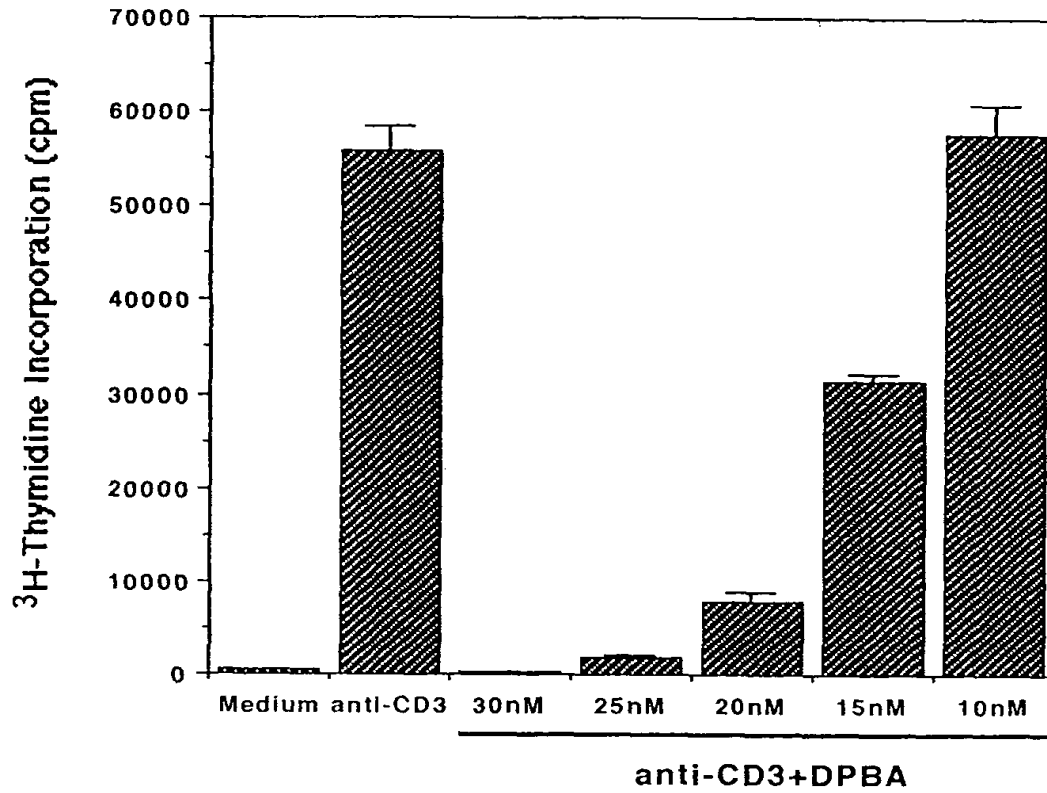
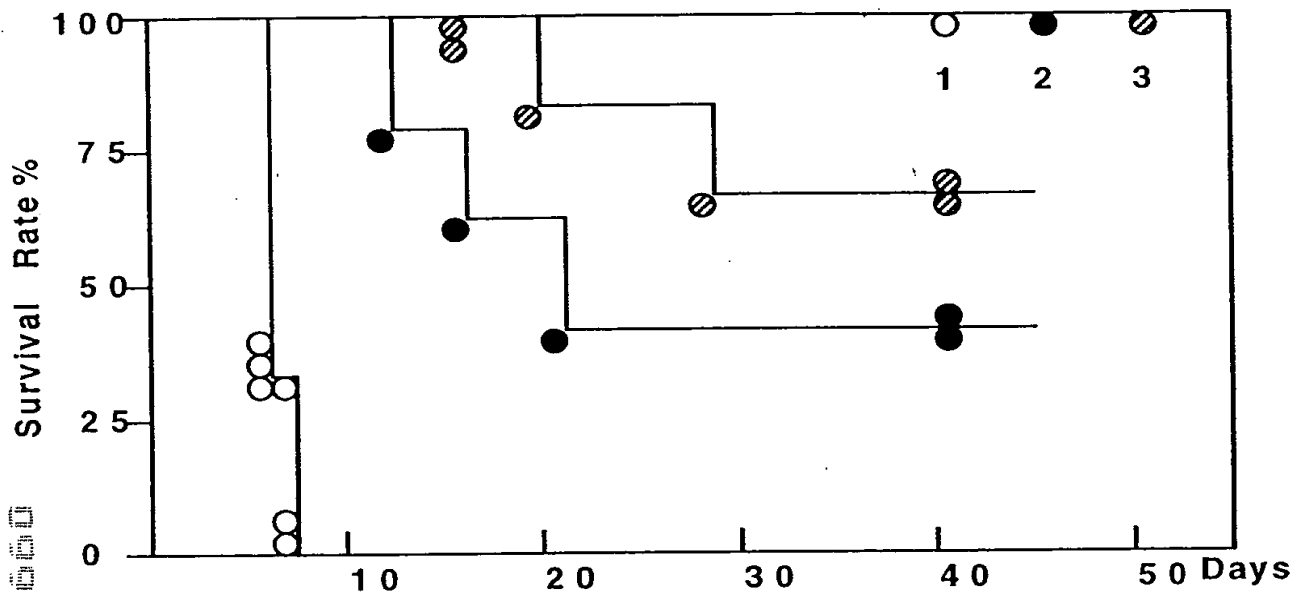


FIGURE 28

Proteasome Inhibitor DPBA Prolongs Mouse Heart Allograft Survival



Groups	Survival Days	MST \pm SD	p value
1 Control	7, 7, 7, 7, 8, 8	7,3 \pm 0.5	—
2 DPBA 0.65mg/kg x 16 days	13, 16, 21 >40, >40, >16	>26.1 \pm 13	0.006
3 DPBA 1.0mg/kg x 4 days, then 0.5mg/kg x 12 days	20, 29, >40 >16, >16 >16	>22.8 \pm 9.8	0.008

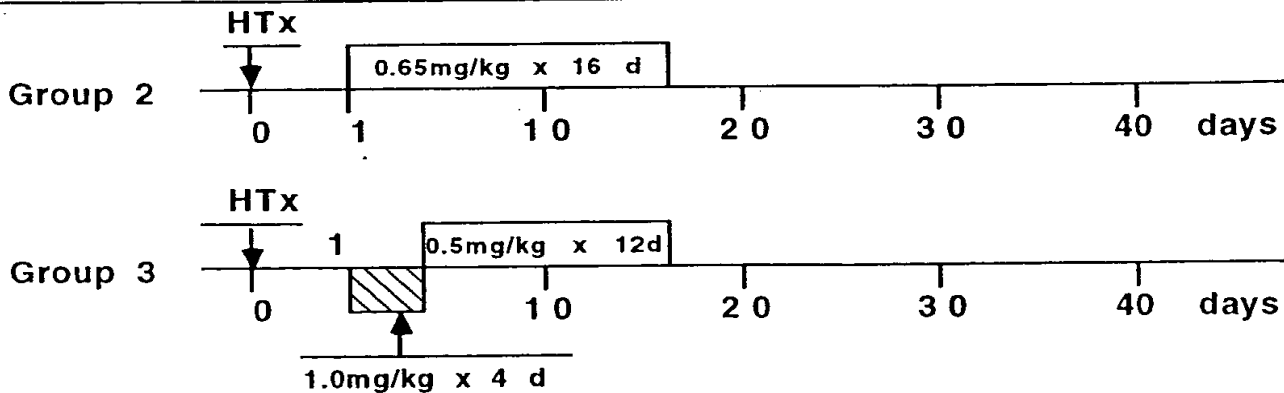
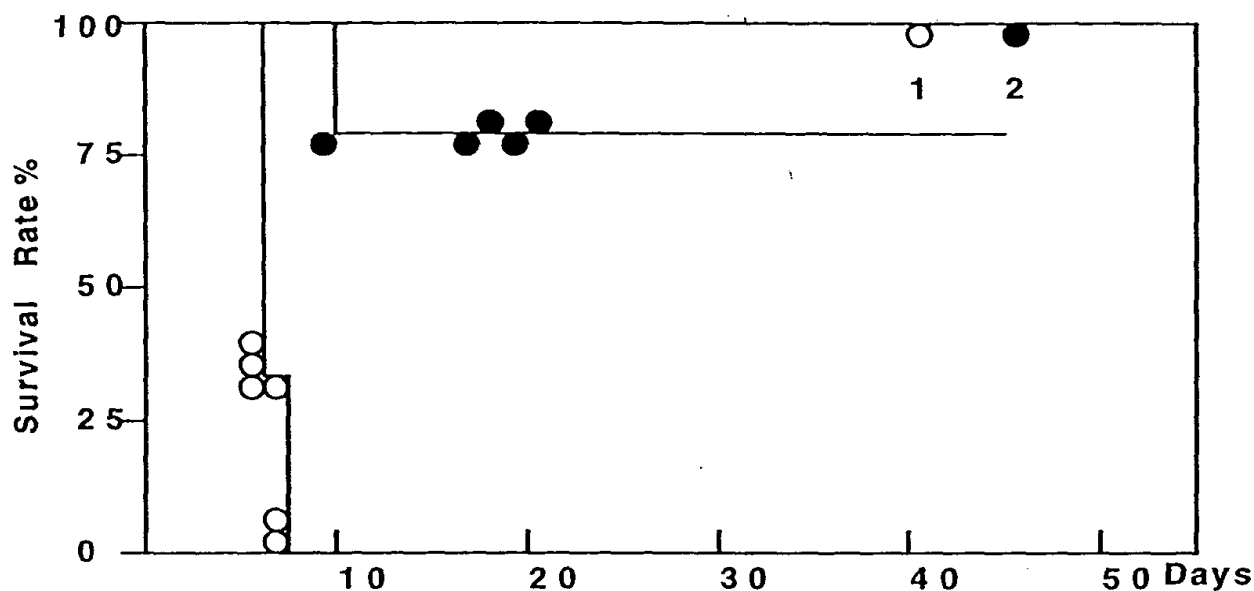


FIGURE 29

Proteasome Inhibitor DPBA is Effective in Treating Ongoing Heart Allograft Rejection in Mice



Groups	Survival Days	MST \pm SD	p value
1 Control	7, 7, 7, 7, 8, 8	7,3 \pm 0.5	—
2 DPBA 1.0mg/kg/day i.p. x 4 days	10, >14, >14 >14, >14,	>13.2 \pm 1.78	0.0001

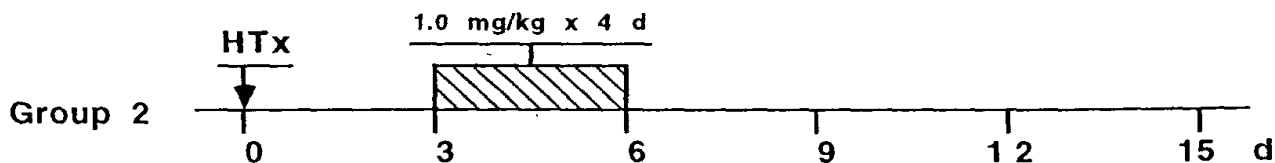


FIGURE 30

Islet Transplantation in the Mouse Model

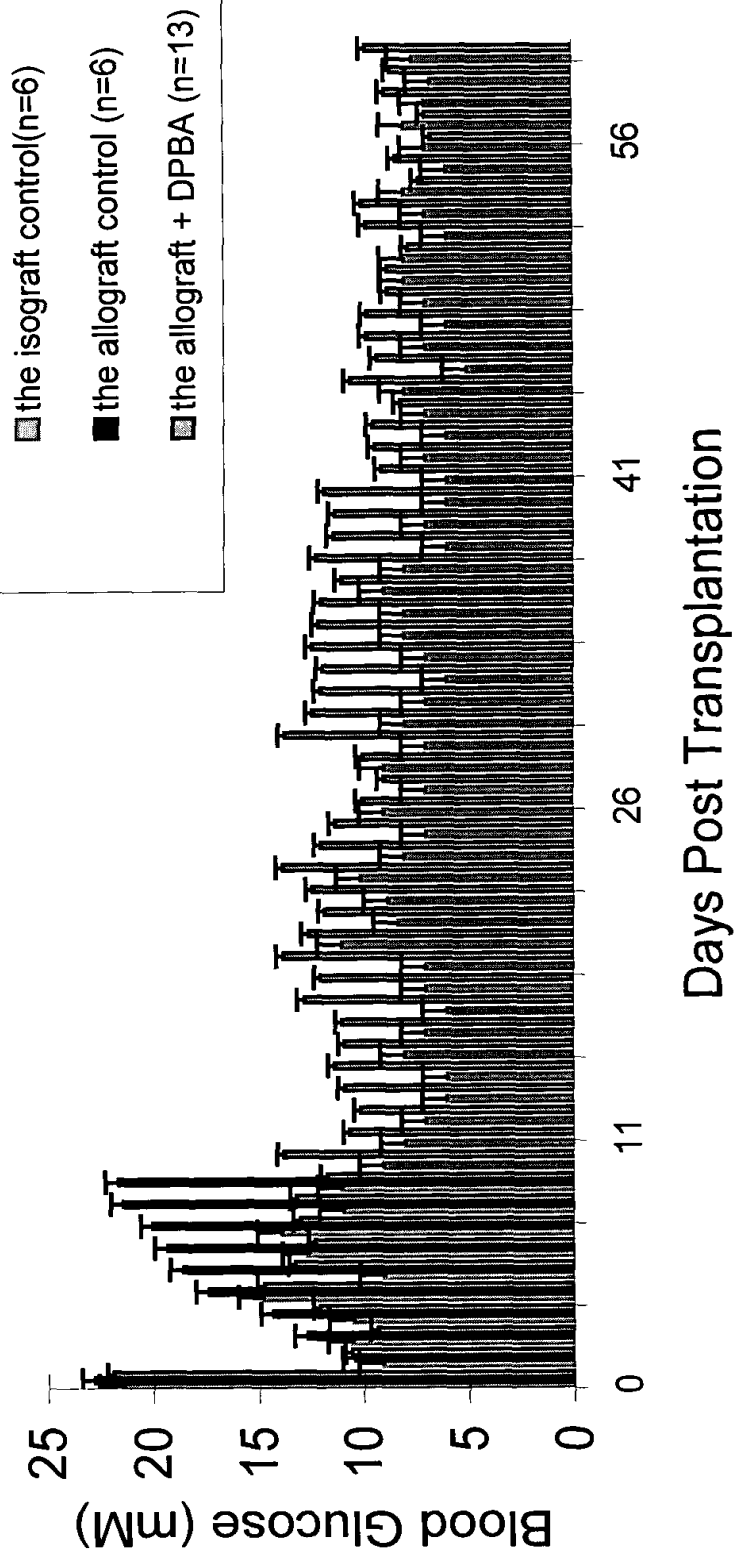


Figure 31